**Supplementary Table 1**. **Univariate et multivariate analyses of FIB-4 for individual components of MACE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HR** | **Myocardial Infarction** | **Unstable Angina** | **Heart Failure** | **Percutaneous Coronary Intervention** | **Coronary Artery Bypass Graft** |
| **HR (95% CI)** | **p value** | **HR (95% CI)** | **p value** | **HR (95% CI)** | **p value** | **HR (95% CI)** | **p value** | **HR (95% CI)** | **p value** |
| **FIB-4** |  |  |  |  |  |  |  |  |  |  |
|  <1.3 | 1 (reference) |  | 1 (reference) |  | 1 (reference) |  | 1 (reference |  | 1 (reference) |  |
|  1.3–2.67 | 1.32 (1.19–1.46) | **<0.001** | 1.30 (1.15–1.47) | **<0.001** | 1.36 (1.25–1.47) | **<0.001** | 1.17 (0.9–1.53) | 0.253 | 1.52 (1.26–1.84) | **<0.001** |
|  ≥2.67 | 1.86 (1.60–2.16) | **<0.001** | 1.82 (1.51–2.19) | **<0.001** | 2.27 (2.02–2.54) | **<0.001** | 2.56 (1.81–3.61) | **<0.001** | 2.31 (1.77–3.00) | **<0.001** |
| **aHR§** | **Myocardial Infarction** | **Unstable Angina** | **Heart Failure** | **Percutaneous Coronary Intervention** | **Coronary Artery Bypass Graft** |
|  | **aHR (95% CI)** | **p value** | **aHR (95% CI)** | **p value** | **aHR (95% CI)** | **p value** | **aHR (95% CI)** | **p value** | **aHR (95% CI)** | **p value** |
| **FIB-4** |  |  |  |  |  |  |  |  |  |  |
|  <1.3 | 1 (reference) |  | 1 (reference) |  | 1 (reference) |  | 1 (reference |  | 1 (reference) |  |
|  1.3–2.67 | 1.19 (1.08–1.32) | **<0.001** | 1.09 (0.96–1.24) | 0.163 | 1.32 (1.21–1.43) | **<0.001** | 0.97 (0.75–1.27) | 0.850 | 1.31 (1.09–1.59) | **0.005** |
|  ≥2.67 | **1.46** (1.25–1.70) | **<0.001** | **1.24** (1.03–1.49) | **0.025** | **2.09** (1.86–2.35) | **<0.001** | **1.72** (1.21–2.45) | **0.003** | **1.65** (1.26–2.17) | **<0.001** |

§aHR was adjusted for risk group (NALFD, NASH and RISK), sex, race/ethnicity and clinical characteristics (type 2 diabetes mellitus, obesity (body mass index ≥30 kg/m2), hyperglycemia, hypertension, high low-density lipoprotein cholesterol, low high-density lipoprotein cholesterol and prior cardiovascular disease,

Statistical analyses were performed using Cox regression and results were reported as HR and 95% CI. aHR, adjusted hazard ratio; CI, confidence interval; FIB-4, Fibrosis-4 index; HR, hazard ratio; MACE, major adverse cardiovascular events.